

Date: Wed, 20 Oct 93 04:30:05 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #1246  
To: Info-Hams

Info-Hams Digest                      Wed, 20 Oct 93                      Volume 93 : Issue 1246

Today's Topics:

                    Dummy load required  
                    Help--2M Base Rig Recommendation  
Imminent Death of Ham Radio: 2m HT in Penney's Christmas Catalog  
                    LARC, QST, etc.  
                    Mods for FT736?  
                    Please help identify this part  
                    Proper posting for misc  
                    standard c558 info ....  
                    Where to buy O-Scopes cheaply

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Wed, 20 Oct 1993 08:46:30 GMT  
From: doc.ic.ac.uk!uknet!dcl-cs!ega015@decwrl.dec.com  
Subject: Dummy load required  
To: info-hams@ucsd.edu

This is being posted for some one who doesnt read the Usenet.  
Please reply to email address at the end of the message.

---Message starts-----  
Can any one tell us where we might find a R.F Dummy load of 50 Ohms over  
100 Watts, self indicating, possibly with sampling output upto 500 Mhz  
for less than 1500 pounds sterling we have been quoted else where.  
Thanks in advance.  
Paul Mullineaux G3XEN

Dept of Engineering, University of Lancaster.  
Phone (44) 524 65201 ext 3105  
Fax (44) 524 381707  
email ega030@cent1.lancs.ac.uk

---Message ends-----

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If all the world's a stage | Robert Edge. Dept of Engineering, Lancaster.  
roll on the next act. | ega015@comp.lancs.ac.uk  
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Date: 19 Oct 1993 14:16:35 GMT  
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!sol.ctr.columbia.edu!  
news.columbia.edu!merhaba.cc.columbia.edu!hyx1@network.ucsd.edu  
Subject: Help--2M Base Rig Recommendation  
To: info-hams@ucsd.edu

The Columbia University Amateur Radio Club (CUARC/W2AEE) is looking for a  
2 meter base rig for about \$500. The order is to be made by this  
Friday.  
Any recommendations of models/manufacturers and mail-order stores are  
greatly appreciated.  
Thanks much for the time.

Harry/AA2NO

Note: Please do not change the subject so that I can follow the thread.

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Date: Wed, 13 Oct 1993 15:55:37 GMT  
From: microsoft!wingnut!laurahal@uunet.uu.net  
Subject: Imminent Death of Ham Radio: 2m HT in Penney's Christmas Catalog  
To: info-hams@ucsd.edu

In article <294jvs\$1cl1@pith.uoregon.edu> jeffh@ludwig.cc.uoregon.edu (Jeff Hite)  
writes:

>How many times does it have to be said...This is the USA...ANYONE can purchase  
>ANY radio that is for sale thru regular retail channels...whether or not they  
>have the right to transmit is a completely different issue. This post is not  
>meant as a flame at N00KQ or to endorse illegal activity on the amateur bands,  
Uh, not on this side of the line (I live and work in Canada). Under  
Canadian law it is illegal to possess transmitting equipment if you  
don't have a licence for it. If you go to Radio Shack and try to buy  
an HTX202, they will ask to see your licence.

The DOC folks are usually sensible; for example, if you are studying for a ham licence and are using an HF transceiver for code practice they won't mind, but they may ask you to pull the final tubes or otherwise disable transmit capability.

73 from Burnaby,  
laura VE7LDH

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Date: Tue, 19 Oct 1993 19:36:16 GMT  
From: pacbell.com!amdahl!netcomsv!netcom.com!greg@ames.arpa  
Subject: LARC, QST, etc.  
To: info-hams@ucsd.edu

In article <9310181449.AA01165@opus.xyplex.com> sasminkey@xap.xyplex.com writes:  
>  
>Does anyone know the facts in this whole thing? Perhaps we could take a break  
>from the guessing, accusing, bashing, etc. until we know some facts here...

True. In fact, let us challenge both parties to explain themselves:

To the ARRL (with a view that ARRL staffers read this forum, and will surely bring this invitation to dialogue to the attention of the appropriate individuals):

I am an ARRL member. As such, I believe that, prior to continuing my financial support of the ARRL, I am entitled to a statement concerning the ARRL's position with regard to the accusations leveled by LARC. I challenge the Board to develop that statement and to post it here, in the forum in which it was requested. I also look forward to seeing a full and complete disclosure in the pages of QST.

Any explanation about being 'unable to comment' due to ongoing legal actions will, in the absence of a gag order from a court of law, be taken to mean that the League in general and the Board in particular has something to hide from the membership. In that event, it is expected that the Board desires that members who are concerned about these allegations cease their support until such time as the Board decides to meet its responsibility to be accountable for its actions.

Silence will be taken to mean that the ARRL is unwilling to be held accountable to the membership, and thus relinquishes its claim to be representative of anyone but its own Board of Directors.

To LARC (with knowledge that LARC officials read this forum, and can provide their peers with this invitation to dialogue):

What can the ARRL do to satisfy you? You have stated that they must open up a dialogue and agree to be 'non-discrimanatory' in the future. In what \*specific\* ways must the ARRL change its behavior? The ARRL has agreed, we understand, to run your ad, as long as you meet payment and deadline requirements which are imposed on all advertisers. What more do you want?

If your demands are deemed reasonable, and are agreed to by the ARRL, then we expect that you will drop all complaints and legal actions against the League. If you are unwilling to do so, or if you fail to tell us what you really want, we can safely assume that LARC is engaging in a simple attempt to gain publicity, and the rest of the amateur community (including those organizations, individuals, and publications who have previously been supportive) can cease to take you seriously as an organization, and cease to provide you any exposure, not because of the orientation of your members, but rather because of you will have shown us that you are not really interested in what's best for amateur radio.

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So far, LARC has been, in the person of Mr. Bledsoe, quite forthcoming with their side of the story. They have, IMHO, shown quite a bit of credibility. If anything, the admission that a splinter group has served to make things more difficult increases LARC's credibility. On the other hand, we still don't see LARC attempting to be of any help to the ARRL in dealing with the San Francisco splinter group's actions.

In the case of the ARRL, all there has been by way of explanation is hearsay, and speculation. This doesn't help the League's (which is supposed to be a public organization) credibility at all.

Though it may be the State of Connecticut or the courts which decide the legal issues, it will ultimately be the ARRL membership, and the amateur radio fraternity at large, which passes judgement on both organizations.

Now we wait. LARC? ARRL? Explain yourselves.

Greg

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Date: Tue, 19 Oct 1993 14:12:10 GMT

From: dog.ee.lbl.gov!agate!usenet.ins.cwru.edu!magnus.acs.ohio-state.edu!csn!  
teal.csn.org!dfeldman@network.ucsd.edu  
Subject: Mods for FT736?  
To: info-hams@ucsd.edu

Any known mods for FT736? E-mail & I'll summarize/repost.  
73 Dave WB0GAZ dfeldman@teal.csn.org

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Date: Tue, 19 Oct 1993 20:04:53 GMT  
From: sdd.hp.com!caen!usenet.cis.ufl.edu!usenet.ufl.edu!mailer.cc.fsu.edu!  
freenet.scri.fsu.edu!kd4kw@network.ucsd.edu  
Subject: Please help identify this part  
To: info-hams@ucsd.edu

your 100% correct its an op amp.  
the radar i used to work on used then  
by the dozens.

73, dave, kd4kw

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Date: Tue, 19 Oct 1993 17:11:20 GMT  
From: mdisea!mothost!merlin.dev.cdx.mot.com!davidk@uunet.uu.net  
Subject: Proper posting for misc  
To: info-hams@ucsd.edu

which are not related to rec.radio.amateur.misc.  
If you reply you encourage further replys and  
postings about subjects that are not related  
to misc - radio.

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Date: Wed, 20 Oct 1993 11:26:53 CET  
From: news.univie.ac.@"alijku11!k3006e1@uunet.uu.net"  
Subject: standard c558 info ....  
To: info-hams@ucsd.edu

=====  
! STANDARD C 558 !  
=====

On march 3rd, 1993, I bought the Standrad C558S dual band HT. The price was  
7,600 Austrian Schilling (approx. 580 US \$ including all taxes).  
CTCSS is not included in the European version!!

## General information

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Body dimensions: 55\*130\*31 mm (with CBT151 battery tray)  
Weight: 355g (incl. batteries and antenna)  
RF output: 5W (high,12V) 2.5W (mid) 350mW (low)

Freq. range of S version: VHF 144 - 148 MHz  
UHF 430 - 440 MHz

## Expanding the frequency range of the C558S

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### 1) software expansion(RX):

- I) reset the unit
- II) push and hold FUNC and press 3 - V/M ENT - 3  
release FUNC and press PTT

now the unit will RX 100-199 MHz (PLL lock range 100-173 MHz) AM + FM  
300-500 MHz (PLL lock range 342-471 MHz) FM  
800-999 MHz (PLL lock range 823-990 MHz) FM

with this modification the HT can NOT be tuned to all frequencies in the  
900MHz and 350MHz band!!!

TX remains 144-148, 430-440 MHz

smallest freq.step:

144MHz.....5kHz  
350MHz.....5kHz  
440MHz.....5kHz  
900MHz....10kHz

### 2)hardware expansion(RX):

- I) open the radio.....
- II) locate resistor R289. its the 0 Ohm resistor on the micro-processor-  
board, right of the connector for the sub-tone sql. unit.
- III) remove the resistor..... :-)
- IV) reset the unit

RX/TX range remains the same as above, but now you can tune to ANY frequency  
in the 350 and 900 MHz band.

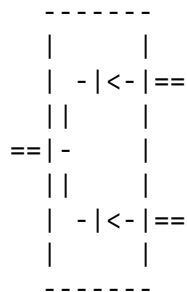
### 3) hardware modification (TX):

- I) open the unit.....
- II) remove the 'galactic' RF-shielding from the micro-processor board

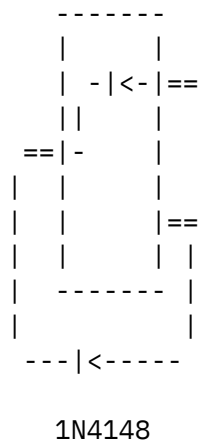
III) locate smd-diode Q221 (its the right one of the two smd-diodes)...

IV) the type of this diode is DA115. exchange it with a DAN202U or just solder a normal diode(1N4148) from the left pin to the lower right pin of Q221:

type DAN202U smd diode:



type DA115 smd diode:



V) reset the unit....

the TX range will be: VHF:100-199MHz (PLL lock range 115-165 MHz :-( )  
UHF:400-500MHz (PLL lock range 400-482 MHz !!)

no TX in the 350 and 900MHz band

Pro's and Con's of the C558  
=====

- + one of the smallest 2m/70cm HT
- + extremely sensitive and low noise receiver(even on 900MHz)
- + very low power consumption

- + up to 200 memories with a lot of different scan modes
- + good keyboard layout (except the 1750 Hz burst tone!)
- + the rubber-duck antenna works very good in the ham-bands and 900MHz but does not work at all outside the 2m ham-band :-(
- the worst case I have ever seen -- so don't drop the C558!!  
   ( Radio-Shack's CB walkie talkies can't be worse )
- some intermod. problems with high gain base-antennas  
   ( but much better than the yaesu FT530!! )
- small LC-Display
- no backlit keys
- the mic/speaker cap ... you have to see THIS yourself :-(
- press PTT and CALL/PL key to activate 1750Hz tone...

If you know some other information about the C558 please tell me....

73/Harald, OE5LEN.....

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packet:      oe5len @ oe5xem.aut.eu      |          A U S T R I A
internet:    oe5len @ edvz.uni-linz.ac.at | high mountains - no kangaroos
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Date: 19 Oct 93 12:38:08 CDT
From: timbuk.cray.com!walter.cray.com!renaissance!ddillon@uunet.uu.net
Subject: Where to buy O-Scopes cheaply
To: info-hams@ucsd.edu

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In article <LINNIG.930ct18145947@m2000.dseg.ti.com> linnig@m2000.dseg.ti.com (Mike Linnig) writes:

[...]

>Other than picking one up at a swap meet, is there any company out there that  
 >sells inexpensive (\$200-\$500) oscilloscopes and guarantees them in some  
 >fashion? I don't mind used equipment, I just don't want to buy a lemon.

[...]

>Can you suggest another company (phone numbers if you have them)?



Test Lab Company  
1066 Linda Vista Avenue  
Mt. View, CA 94043

Phone: (415) 969-1142  
(800) 442-5835

Fax: (415) 969-6579  
(415) 969-0334

A splendid, honorable company -- I've done business (personal, not Cray Research's) with them since the early 1970's.

Their stock fluctuates continually. You might ask what they have in older Tektronix scopes.

--

Dave Dillon  
dave.dillon@cray.com

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End of Info-Hams Digest V93 #1246

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